

1 **ABSTRACT OF THE DISCLOSURE**

2 An unlocking method by identification of colored light rays and an
3 unlocking apparatus using this method are disclosed. An emitting member and a
4 receiving member are respectively mounted at two side of a keyhole of a lock. A
5 key has a plurality of transparent colored plugs mounted on a shank thereof.
6 When the shank is inserted in the keyhole, the emitting member gives off white
7 light rays that then pass through the colored plugs and become colored light rays
8 received into a receiver. If the color arrangement of the received light rays
9 coincides with a stored arrangement, the key will be identified with the original
10 key and the lock can be unlocked.